

AMENDMENT UNDER 37 C.F.R. § 1.111  
U.S. Patent Application No. 09/291,748

**AMENDMENTS TO THE SPECIFICATION**

**Please delete the present Abstract of the Disclosure and replace it with the following new Abstract of the Disclosure.**

A device which enables different spreading factors whilst preserving a common scrambling code, in particular for transmission in a code division multiple access cellular mobile radio system. The device including a grouper for grouping the various data symbols of a  $k$ th incoming sequence ( $k=1, \dots, K$ ) into different blocks of  $Q_{MAX}/Q_k$  symbols, and a spreader for spreading  $K$  incoming sequences ~~by means of~~ with  $K$  respective spreading codes of respective length  $Q_k$  ( $k=1, \dots, K$ ) which is a sub-multiple of a maximum length  $Q_{MAX}$ , wherein the spreader spreads the blocks from the  $k$ th incoming sequence ( $k=1, \dots, K$ ) ~~by means of~~ with the corresponding code of length  $Q_k$  to obtain a spread sequence including different spread blocks of length  $Q_{MAX}$ . The device further includes a scrambler for scrambling each of the  $K$  spread sequences obtained in this way using a scrambling code of length  $Q_{MAX}$ .

~~means for scrambling each of the  $K$  spread sequences obtained in this way using a scrambling code of length  $Q_{MAX}$~~